

**DECLARATION AND POWER OF ATTORNEY**

As below-named inventors, we hereby declare that:

Our residences, post office addresses, and citizenships are as stated below next to our names.

We believe that we are the original, first and joint inventors of the subject matter which is claimed and for which a patent was sought on the invention entitled **MULTIDOMAIN POLYNUCLEOTIDE MOLECULAR SENSORS** (Yale OCR # 794B) the specification of which was a U.S. national phase entry of PCT/US99/25497 on 2 May 2001, and was given U.S. Ap. Ser. No. 09/830,905.

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. To the best of our knowledge, information, and belief the facts stated therein are true.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

We hereby claim foreign priority benefits under Title 35, United States Code §119 of the following foreign application:

**PCT/US99/25497, filed 29 October 1999.**

We also hereby claim benefit under Title 35, United States Code, § 119(e) of the United States applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States applications in the manner provided by the first paragraph of Title 35, United States Code, § 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing dates of the prior applications and the national or PCT international filing date of this application:

**U.S. Application Ser. No. 60/106,829, filed 3 November 1998, and  
U.S. Application Ser. No. 60/126,683, filed 29 March 1999.**

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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We hereby appoint Mary M. Krinsky, Registration No. 32,423, 79 Trumbull Street, New Haven, CT 06511-3708 (203-773-9544), with full power of substitution, association and revocation, as attorney to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all telephone calls and correspondence to Mary M. Krinsky at the above address and telephone number.

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Full name of  
first joint inventor:

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*Ronald R. Breaker*

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Full name of  
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GARRETT A. SOUKUP

Inventor's signature:

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Date:

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